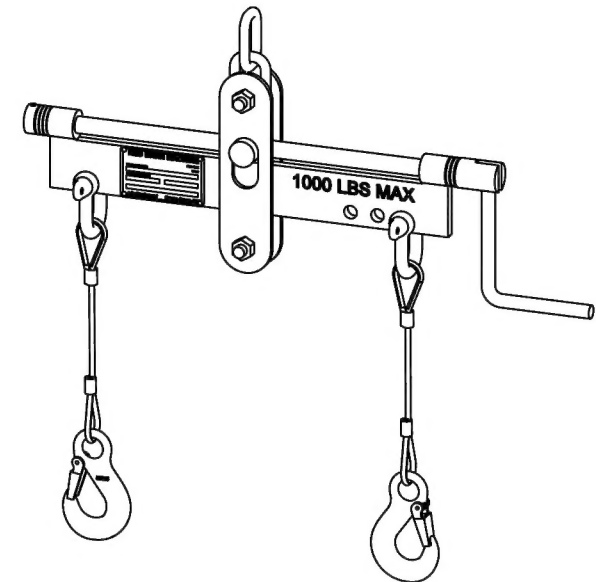
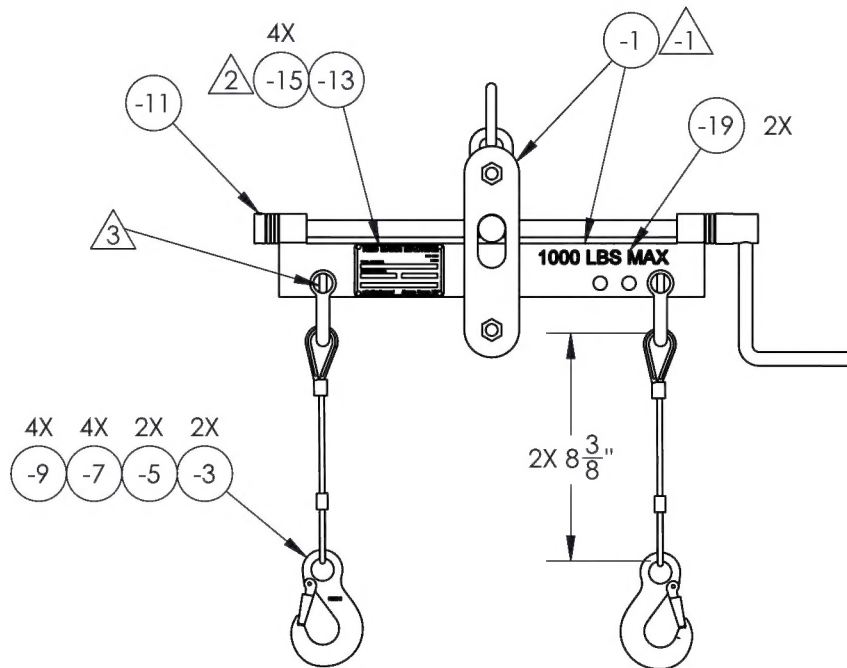


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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



UNDER REVIEW
URF 19-1087 19.10.29 (VM)

1. REMOVE PIN OPPOSITE FROM HANDLE, SAND BLAST, THEN POWDER COAT RED RAL 3000. REASSEMBLE USING SPRING PIN -11.
2. ENGRAVE PLACARD WITH T/N, S/N, & "SWL 1000 LBS MAX". TRIM PLACARD TO FIT.
3. SECURE PIN IN CLEVIS WITH SAFETY WIRE -17.

PACKAGED DIMENSIONS (REF):
LENGTH: 24 IN.
WIDTH: 6 IN.
HEIGHT: 12 IN.
WEIGHT: 13 LBS.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	<div> RED BARN MACHINE</div>				
		B/O	-1	1	ENGINE LOAD LEVELER	STEEL	OTC MODEL 4305 OREGON TOOL #800 3643411	1	TITLE				
		B/O	-3	2	HOOK W/LATCH	STEEL	5/16 EUGENE EQUIPMENT #MA7973A	1	BEAM, ENGINE LIFT				
		B/O	-5	2	CABLE	STEEL	3/16 7x19 GALV A/C EUGENE EQUIPMENT #AC316	1	DWG NO.				REV
		B/O	-7	4	THIMBLE	STEEL	3/16 EUGENE EQUIPMENT #TH3/16	1	RBT18413				
		B/O	-9	4	SLEEVE	S.S.	3/16 EUGENE EQUIPMENT #ESDU316	1	MAT'L		DRAWN BY: GILBERT		
		B/O	-11	1	SPRING PIN	S.S.	3/16 X 1 MCMASTER-CARR #92383A730	1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				APPROVED <i>D Weil</i>
		B/O	-13	1	RED BARN PLACARD	ALUMINUM	RB41009	1	.XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1				HEAT TREAT FINISH
		B/O	-15	4	#2 DRIVE SCREW	COATED STEEL	1/8 MCMASTER-CARR #90081A074	1	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R				SPEC
		B/O	-17	AR	SAFETY WIRE	S.S.	Ø.032 X 25 FT AIRCRAFT SPRUCE #01-15725	NS	2. DIMENSIONAL LIMITS APPLY AFTER PLATING				USED ON MODEL FIREBIRD
		B/O	-19	2	LABEL	BLACK CUT, VINYL	SIGNS NOW	2	SCALE 1:7		DATE 4/8/2013	SHEET 1 OF 3	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

ARIAL FONT

1000 LBS MAX

.50


(4.69)

UNDER REVIEW

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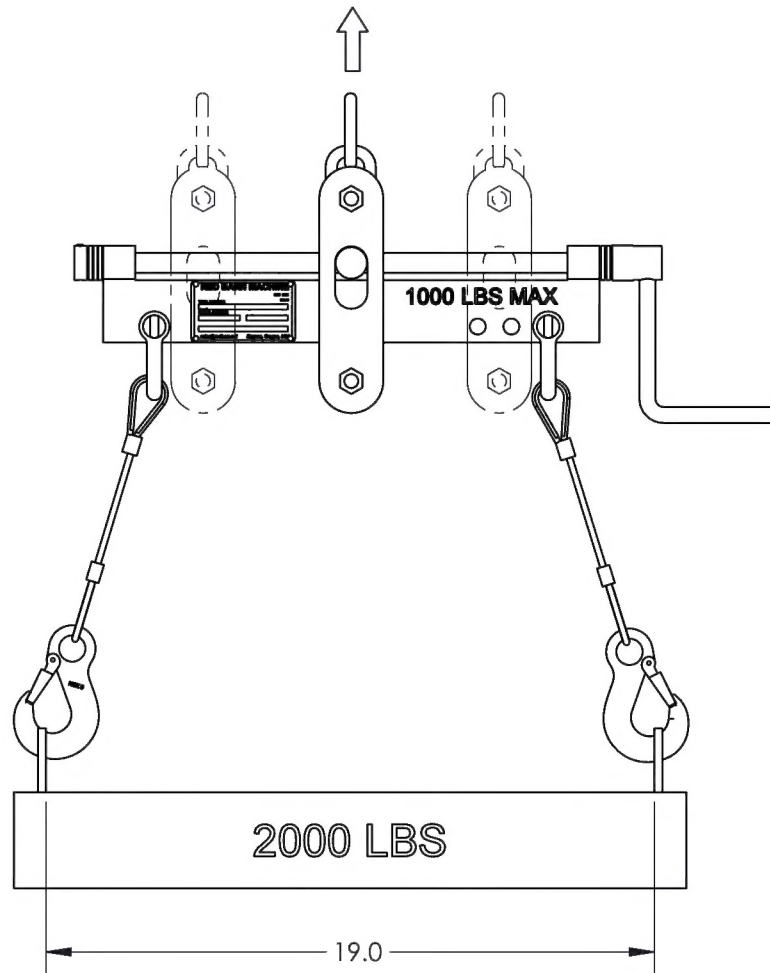
(-19)

LABEL

 RED BARN MACHINE	
TITLE BEAM, ENGINE LIFT	
DWG NO. RBT18413-19	REV
MAT'L BLACK CUT, VINYL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT
.XX ± .01 ANGLES ± 5°	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:1	DATE 4/16/2013
SHEET 2 OF 3	

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LOAD TEST



INSPECTION & TESTING PROCEDURES FOR THE RBT18413, BEAM, ENGINE LIFT. THIS ASSEMBLY IS DESIGNED EXCLUSIVELY FOR HOISTING AND INSTALLING/REMOVING THE LYCOMING ENGINE.

THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

LOAD TEST

1. AFTER INSPECTION, PLACE BEAM, ENGINE LIFTING ON A OVERHEAD LIFTING DEVICE. ATTACH 2 CONNECTOR HOOKS TO AN APPROPRIATE TEST WEIGHT OF 2000 LBS, WITH LIFT HOOK AT MID TRAVEL, AND ATTACHMENT POINTS 19 INCHES APART.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.
4. REPEAT WITH LIFT HOOK AT BOTH EXTREMES OF TRAVEL.

INSPECTOR: _____

TESTER: _____

S.N.: _____

DATE: _____

UNDER REVIEW

URF 19-1087 19.10.29 (VM)

 RED BARN MACHINE	
TITLE BEAM, ENGINE LIFT	
DWG NO.	REV
RBT18413	